THE UNIVERSITY OF ALABAMA

INVITATION FOR BID

T054322
Furnish and Deliver two LED Video Displays for the UA Aquatic Center

ADDENDUM # 2
August 4, 2015

ATTENTION: This is not an order. Read all instructions, terms and conditions carefully.

Offeror must acknowledge receipt of this and any addendum as stated in the Invitation For Bid.

The following shall become part of the Invitation For Bid.
Please find below clarification and changes to the Specifications provided in Bid T054322.

BID PROPOSAL DUE DATE IS NOW Wednesday, August 5, 2015 @ 2:00 PM CST

The IFB may be found at http://purchasing.ua.edu/pdfs/PendingBids/T054322.pdf

THE UNIVERSITY OF ALABAMA

INVITATION FOR BID

T054322
Furnish and Deliver two LED Video Displays for the UA Aquatic Center

ADDENDUM # 1
July 28, 2015

ATTENTION: This is not an order. Read all instructions, terms and conditions carefully.

Offeror must acknowledge receipt of this and any addendum as stated in the Invitation For Bid.

The following shall become part of the Invitation For Bid.
Please find below clarification and changes to the Specifications provided in Bid T054322.

BID PROPOSAL DUE DATE IS NOW Tuesday, August 4, 2015 @ 2:00 PM CST

Section 9.8: Warranty and Service:

- **Warranty shall include one (1) annual on-site system check by a qualified technician who is a full-time employee of the awarded Vendor. Visits shall occur as determined by The University. *This would be One (1) Annual On-Site Check for each year of the valid warranty service agreement. A minimum of five (5) system checks over the course of the five (5) year warranty period would be expected.**

Section 9.9: Scope of Work:

- **Provide required electrical and data cable:**
  ***The University will provide the electrical power to the two LED Displays but the vendor must provide Power Specifications to the Installing Contractor and University.**
  *** Data Cables will be installed along the path of structure (building). The University will not install two data conduits from the point of operation to the two LED Displays.**
  *** There will be two 2 points of operation.**

Section 10.1: Primary LED Video Display Technical Specifications:

- Minimum of a ~~140° (±70°)~~ horizontal viewing angle. Defined at 50% of full intensity, with automatic color-correction "on", at stated angle maximum.
- Minimum of a ~~140° (±70°)~~ vertical viewing angle. Defined at 50% of full intensity, with automatic color-correction "on", at stated angle maximum.
  ****The Viewing Angles shall be 120° (±60°) for both Horizontal and Vertical**

Section 10.3 Primary Video Displays – Operating System:

- ~~The system must be capable of accepting and displaying a serial feed from the Colorado Timing scoring system and any and all 3rd party stats and sport ticker feeds and closed captioning as required~~
  **** The system must be capable of supporting/integrating and displaying a serial feed from the Colorado Timing Scoring System and the Hy-Tek Meet Manager Software.**

The IFB may be found at http://purchasing.ua.edu/pdfs/PendingBids/T054322.pdf

THE UNIVERSITY OF ALABAMA

INVITATION FOR BID

ATTENTION: This is not an order. Read all instructions and terms and conditions carefully.

INVITATION NO.:	T054322
Issue Date:	07/23/2015
Title:	Furnish and Deliver Two LED Video Displays for the UA Aquatic Center
Buyer:	Tara Fuhrman
Phone:	(205) 348-5035
Email:	tfuhrman@fa.ua.edu

RETURN ALL COPIES OF BIDS TO:
THE UNIVERSITY OF ALABAMA
PURCHASING DEPARTMENT
(Street Address) 1101 Jackson Ave Suite 3000
Tuscaloosa, Alabama 35401
OR
(Mailing Address) Box 870130
Tuscaloosa, Alabama 35487
PHONE: (205)348-5230 FAX: (205) 348-8706

Bid Responses may NOT be faxed or emailed.

IMPORTANT: SEALED BIDS MUST BE RECEIVED BY 07-30-2015 @ 2:00 P.M. CST TIME

Bid number and opening date must be clearly marked on the outside of all bid packages.

1. Pursuant to the provisions of the State of Alabama Competitive Bid Law, Section 41-16-20 and/or 39-2, rules and regulations adopted there under sealed bids will be received on the items noted herein by The University of Alabama Purchasing Department until the date and time stated above. In accordance with Alabama State Bid Law Section 41-16-27, where applicable, the University reserves the right to enter into negotiations within thirty (30) days of the bid opening.
2. The University's General Terms and Conditions and Instructions to Bidders, apply to this Solicitation and shall become a part of any contract issued hereunder.
3. For purposes of this Solicitation, the Solicitation documents shall consist of the following components:
   a) Invitation for Bid and any Addenda; b) General Terms and Conditions; c) Instructions to Bidders
   In the event that any provision of the component parts of the Solicitation conflicts with any provision of any other component parts, the component part first enumerated shall govern.
4. This Agreement and any disputes hereunder shall be governed by the laws of the State of Alabama without regard to conflict of law principles.

CERTIFICATION PURSUANT TO ACT NO. 2006-557

Alabama law (section 41-4-116, code of Alabama 1975) provides that every bid submitted and contract executed shall contain a certification that the vendor, contractor, and all of its affiliates that make sales for delivery into Alabama or leases for use in Alabama are registered, collecting, and remitting Alabama state and local sales, use, and/or lease tax on all taxable sales and leases in Alabama. **By submitting a response to this solicitation, the bidder is hereby certifying that they are in full compliance with Act No. 2006-557**; they are not barred from bidding or entering into a contract pursuant to 41-4-116, and acknowledges that The University of Alabama may declare the contract void if the certification is false.

DISCLOSURE STATEMENT

1. If you or any owner, officer, partner, board or director member, employee, or holder of more than 5% of the fair market value of your firm or any member of their households is an employee of The University of Alabama, this information must be included in your solicitation response. Failure to disclose this information in your response may result in the elimination of your proposal from evaluation.
2. If you or any owner, officer, partner, board or director member, employee, or holder of more than 5% of the fair market value of your firm or any member of their households is an employee of The University of Alabama; and you or your firm is awarded a contract as a result of this solicitation, then within ten (10) days after the contract is entered into, you agree to file a copy of that contract with the State of Alabama Ethics Commission in accordance with Code of Alabama, Section 36-25-11 and upon request by the University furnish evidence of such filing.
3. By accepting payments agreed to in any purchase order resulting from this bid, Contractor certifies that to its knowledge no University employee or official, and no family members of a University employee or official, will receive a benefit from these payments, except as has been previously disclosed, in writing, to the University on the Disclosure Statement of Relationship Between Contractors/Grantees and Employees/Officials of The University of Alabama.

AUTHENTICATION OF BID AND STATEMENT OF NON-COLLUSION AND NON-CONFLICT OF INTEREST

I hereby swear (or affirm) under the penalty for false swearing as provided in Code of Alabama 6-5-180 that

1. In accordance with Code of Alabama Section 41-16-25, amended 1975 that the attached response has been arrived at independently and has been submitted without collusion with, and without any agreement, understanding or planned common course of action with, any other vendor of materials, supplies, equipment or services described in the Invitation for Bids, designed to limit independent bidding or competition;
2. The contents of the bid or bids have not been communicated by the bidder or its employees or agents to any person not an employee or agent of the bidder or its surety on any bond furnished with the bid or bids and will not be communicated to any such person prior to the official opening of the bid or bids.
3. The bidder is legally entitled to enter into contracts with The University of Alabama and is not in violation of any prohibited conflict of interest, including those prohibited by the Code of Alabama 13A-10-62, as amended 1975.
4. I have fully informed myself regarding the accuracy of the statement made above.

THIS AREA MUST BE COMPLETED

DELIVERY AFTER RECEIPT OF ORDER:	**NAME OF COMPANY:**	**PHONE:**
FEDERAL EMPLOYER ID NO.:	**ADDRESS:**	**FAX:**
PAYMENT TERMS:	**ADDRESS:**	**E-MAIL:**
SHIPPING TERMS: **F.O.B. DESTINATION–PREPAID AND ALLOWED**	**CITY, STATE & ZIP CODE:**	**DATE:**
QUOTE VALID UNTIL:	**SIGNATURE:**	**Typed/Printed Name of Signor**

SIGNATURE REQUIRED: This bid cannot be considered valid unless signed and dated by an authorized agent of the bidder. Type or print the information requested in the spaces provided.

INVITATION FOR BID

The University of Alabama requests sealed bids as per attached general and technical specifications or equal unless otherwise specified in the Special Conditions.

All Bidders submitting a bid must read all specifications carefully and respond accordingly. Failure to do so may eliminate your bid from consideration due to non-compliance.

1.0 GENERAL SPECIFICATIONS

1.1 Any contract resulting from this request will be made available to other eligible entities. This may include but is not limited to; The University of Alabama System, comprised of The University of Alabama; The UAB Enterprise, consisting of The University of Alabama at Birmingham, the UAB Health System and their related foundations and affiliates , and The University of Alabama in Huntsville, Huntsville, AL; and other state entities. Contracts resulting from the award of this request cover shipments by any entity listed above. Each entity will generate its own purchase orders, payments, etc. and delivery must be made according to the instructions on the purchase order.

The thrust of the contract is to obtain greater volume price discounts by combining the volume of purchases from participating entities within the State of Alabama.

1.2 All bid responses, technical information and any other attachments furnished to The University of Alabama in response to this request shall be submitted sealed in two formats, as an original copy (WITH SIGNATURE) and an electronic (PDF preferred) copy on a USB flash drive, unless otherwise stated.

1.3 The stated requirements appearing elsewhere in this solicitation shall become a part of the terms and conditions of any resulting contract. Any deviations there from must be specifically defined. If accepted by the University, the deviations shall become part of the contract, but such deviations must not be in conflict with the basic nature of this solicitation.

Note: Bidders shall not submit their standard terms and conditions or purchase order terms as exceptions to or modification of the terms and conditions of this solicitation. Each exception to or modification of a University term and condition shall be individually listed by the bidder. Failure to follow this instruction may result in the determination that a bid submission is non-responsive to a solicitation and the rejection of that bid.

1.4 The issuance of a University Purchase Order (P#) or a signed Contract document is required to constitute a contract between the successful Bidder and the University which shall bind the successful Bidder to furnish and deliver the commodities ordered at the prices, terms and conditions quoted and in accordance with the specifications of this Solicitation as well as the terms and conditions of the University's Purchase Order or Contract. No shipments are to be made to The University of Alabama without the issuance of a Purchase Order (P#). (Bidders are not to accept or ship items against a requisition number "R" #.)

1.5 Any questions concerning these specifications should be directed to the Buyer listed on the signature page.

1.6 No department, school or office at the University has the authority to solicit or receive official Solicitations nor authorize Solicitation or Contract changes other than the Purchasing Department. All solicitations are issued under the direct supervision of the Associate Director for Purchasing and in complete accordance with the State of Alabama Bid Law, Section 41-16-20 and University policies and procedures.

1.7 The terms and conditions included in this Solicitation along with any addenda, any University contract and/or University purchase order(s) issued referencing this Solicitation, the University's General Terms and Conditions, Instructions to Bidders shall constitute the entire and exclusive Contract between the University and the successful Bidder.

1.8 **State of Alabama Immigration Law Compliance**

Compliance Notice.

By submitting a proposal to this RFP, a Respondent agrees that it will fully comply with the State of Alabama Immigration Law (Act 2011-535), as amended. A Respondent also shall enroll in the E-Verify Program prior to performing any work, or continuing to perform any on-going work, and shall remain enrolled throughout the entire course of its performance of the contract awarded pursuant to this RFP. By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the state of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom." To the fullest extent permitted by law, the Contractor shall defend, indemnify and hold harmless the University from any and all losses, consequential damages, expenses (including but not limited to, attorneys' fees), claims, suits, liabilities, fines, penalties, and any other costs arising out of or in any way related to Contractor's failure to fulfill its obligations contained in this paragraph or contained in the Alabama Immigration Law (Act 2011-535), as amended.

State of Alabama Immigration Law (Act 2011-535)

The successful contractor will be required to provide written certification they are in compliance with Section 9 of the State of Alabama Immigration Law (Act 2011-535).
One of the two required documents must be submitted prior to issuance of a University contract or purchase order. . Please complete and submit the form or document that applies to your company.

Complete this document only, if your company is not located in Alabama and your company does not have employees or subcontractors that work in the State of Alabama.

- Certification of Compliance and affidavit forms included with this solicitation (*see Appendix – Certification of Compliance*)

Complete the E-Verify document online, if your company is located in Alabama or your company has employees working in Alabama

- Contractor's one-page E-verify Employment Eligibility Verification form (*see example included in Appendix - E-Verify*).

If you have previously enrolled in E-Verify, follow these instructions:

- Log onto www.uscis.gov/everify
- Click "Edit Company Profile" and print this one-page document.
- This one-page document must be submitted prior to a contract or purchase order being issued.

If you are not currently enrolled in E-Verify, follow these instructions:

- Log onto www.uscis.gov/everify
- Click "Enroll in E-Verify" and follow the directions to begin enrollment process.
- When enrollment process is complete, click "Edit Company Profile" and print this one-page document.
- This one-page document must be submitted prior to a contract or purchase order being issued.
- For further assistance please consult the E-Verify Quick Reference Guide

2.0 QUALIFICATIONS AND STANDARDS

Due to the importance of maintaining a safe University environment, it is imperative that the successful bidder meet certain qualifications that will guarantee The University of Alabama the successful Bidder is qualified to furnish and deliver products, equipment and services or furnish, deliver, install, service and/or repair equipment whichever is applicable as required in this Solicitation. In order for Bidders to qualify, the following requirements must be fulfilled:

2.1 The Bidder, if requested, must provide in writing, a statement that the Bidder has been regularly engaged in business for a minimum three (3) years engaging in furnishing, delivering, servicing, repairing and installing, equipment, goods, or services required in this Solicitation. In lieu of the minimum number of years in business, a performance bond may be required in the amount of one hundred (100%) percent of the contract price. This bond will be used to secure the completion of the project should the successful Bidder default for any reason. Failure to comply with this requirement may eliminate your bid response from consideration.

2.2 Each bidder required to provide a bond, shall submit a letter from a bonding agent licensed to do business in the State of Alabama stating that if the bidding company is the successful bidder, said bonding agent will furnish a 100% performance and payment bond covering and including products and service for the duration of the contract period. Said bond shall be subject to the approval and acceptance of The University of Alabama. The Letter and Bond shall be submitted to the University Purchasing Department and must be furnished within forty-eight (48) hours after request. The premium of the bond shall be paid by the successful bidder. Failure to provide the bond letter or bond will eliminate your bid from consideration in the bid award.

3.0 REFERENCES

References must include at least three (3) other universities, institutions or businesses, which the bidder has successfully provided products, services or installation of equipment similar to those required in this Solicitation in terms of manufacturer, size, features, service or type of installation. The references must include company name, address, project/delivery date, contact name, phone number, and email address.

4.0 PRODUCT SPECIFICATIONS

Specify all terms and conditions of the warranties associated with your products with your bid response.

5.0 PRICE QUOTATION

5.1 IMPORTANT: It is required that the PRICE QUOTATION SHEET(S) furnished with this Request for Price Quotation be completed and submitted with your proposal. DO NOT send generated price lists as your bid. Failure to comply with this request may eliminate your bid from consideration in the bid award.

5.2 All prices shall be quoted furnish and install (if applicable) FOB The University of Alabama, Tuscaloosa, AL 35487 prepay and allowed. Unit prices quoted must include any and all shipping and handling charges. Any freight claims will be the responsibility of the Bidder. The successful Bidder must transport at the time of set-up, the equipment and supplies necessary for this installation to campus. No direct shipments will be accepted.

5.3 It is the Bidder's responsibility to verify any information, measurements and obtain any clarifications prior to submitting the bid response. The University is not liable for any errors or misinterpretations made by the Bidder in response to this Solicitation.

5.4 The successful Bidder under the specifications required in this Solicitation shall furnish at its expense all equipment, labor, tools, supplies, transportation, insurance and other expenses necessary to fully perform any phase of the requirements of this Solicitation.

5.5 Quote prices firm for a period of ninety (90) days following the bid opening date unless otherwise stated in the Special Conditions. Bids that do not guarantee pricing firm for this period may be eliminated. Failure to quote the term for which your prices will remain firm may eliminate your bid from consideration.

5.6 The quoted price must include but not be limited to all cables, wires, connectors, etc. to make a complete functioning unit unless specifically stated in the special conditions.

5.7 Include with your bid response complete details of your company's Return Merchandise policy, including, but not limited to, amount of any restocking fee required, procedures, limitations, contact person and phone number. While the University does not enter into any purchase with the intent to return items ordered, we do require this information be included with your bid response. Failure to include this information may be grounds for elimination of your bid from consideration.

6.0 DELIVERY, INSTALLATION AND TRAINING REQUIREMENTS

6.1 Proposed delivery dates shall be stated in number of calendar days after receipt of order.

6.2 All items must be delivered directly to the University by the successful Bidder and placed according to the instructions supplied by the University.

7.0 INSURANCE

7.1 See General Terms and Conditions for general Insurance Requirements, Additional Insurance requirements may be listed in the Special Conditions Section.

7.2 The successful Bidder shall provide the University Purchasing Department a certificate of insurance listing the required types of insurance and minimum liabilities specified in the General Terms and Conditions unless otherwise modified in the Special Conditions.

7.3 The certificate must be received by The University of Alabama Purchasing Department within three (3) days of request. Failure to comply with this request may eliminate your bid from consideration in the bid award.

7.4 The University reserves the right to terminate any resulting contract, if the Bidder fails to keep these policies in force for the above amounts or for the duration of the contract period.

7.5 The umbrella policy must be listed on the insurance certificate with an explanation of the coverage.

8.0 RESTRICTIONS ON COMMUNICATIONS WITH UNIVERSITY STAFF

From the issue date of this Solicitation until a Contractor is selected and a contract award is made, Bidders are not allowed to communicate about the subject of the IFB with any University administrator faculty, staff, or members of the Board of Trustees except:

- The Purchasing Department representative, any University Purchasing Official representing the University administration, or others authorized in writing by the Purchasing Office and
- University Representatives during Bidder presentations.

If violation of this provision occurs, the University reserves the right to reject the Bidder's response to this Solicitation.

9.0 SPECIAL CONDITIONS

9.1 The University of Alabama is requesting sealed bids to **Furnish and Deliver Two (2) LED Video Displays for the UA Aquatic Center** as per attached Technical Specifications/Quotation Sheet or equal.

9.2 Delivery is needed **no later than Wednesday, September 23, 2015**, and may be a criterion of bid award. **Specify your earliest possible delivery after receipt of order in section 11.0.**

WHEN THE AWARDED VENDOR CANNOT MEET DELIVERY REQUIREMENTS ON ANY ORDER, THE UNIVERSITY OF ALABAMA RESERVES THE RIGHT TO CONTACT THE NEXT LOWEST RESPONSIBLE BIDDER FOR AVAILABILITY.

The University reserves the right to cancel orders that are not received in the delivery time frame quoted in response to this solicitation.

9.3 **Installation:**
Installation will be done by a third party. However, per section 9.9, the awarded Vendor shall supply a competent supervisor, acceptable to The University during the entire installation process. Change of supervisor during the project shall not be permitted without prior written approval from The University. The Vendor shall also be responsible for providing drawings and installation information to the third party after award of contract as well as all display equipment described or necessary for installation.

9.4 **Operation and Maintenance Manual:**
The awarded Vendor shall provide two (2) final Operation & Maintenance Manuals (O&M Manuals). O&M Manuals shall be logically organized to provide easy access to information without the need to research through the entire manual. All documents provided in the O&M Manual shall be written in English and shall provide sufficient detail as to be understood by an individual with no knowledge of LED displays or the associated control equipment and/or operating systems.

9.5 **Equipment & General Specifications:**
All equipment and materials shall be new and the latest version at the time of bid and shall conform to applicable UL, ULC, CSA or ANSI provisions; whichever is applicable. Re-manufactured or “B” stock equipment will not be accepted without prior written consent from The University. Evidence of unauthorized re-manufactured or “B” stock equipment on the project site will be deemed evidence of the vendor’s failure to perform the work. Any damaged equipment and/or materials shall be repaired or replaced at The University’s discretion. The awarded Vendor shall perform either option selected by The University at no additional cost.

Each Devise shall meet all of its published manufacturer’s specifications.

All items not indicated or mentioned in the specifications that are necessary, required or appropriate for a complete and fully operational system that performs in a stable and safe manor must be provided.

9.6 **Spare Parts:**
Vendor shall supply a spare parts inventory containing spare lighting unit(s), spare power supplies, and every other critical component including fiber modems and LED digits. The Vendor shall provide a proposed spare parts inventory list and quantity in section 11.0, Group 2. Spare parts inventory shall be based on quantity of components used to manufacture the display(s).

At the time of final completion, the Vendor shall supply the specified spare parts inventory regardless of spare parts used during initial “shake out”, “burn in” and/or testing of newly installed displays.

9.7 **Quality Assurance:**
If applicable, all requirements of the latest published editions of the following standards shall apply, unless otherwise noted. In the event of conflict between cited or referenced standards, the more stringent shall govern.

- National Electric Code (NEC)
- National Electrical Manufacturers Association (NEMA)
- American National Safety Institute (ANSI)
- Occupational Safety and Health Administration (OSHA)
- American Iron and Steel Institute (AISI)
- Underwriters Laboratories (UL)

- Federal Communications Commission (F.C.C.) Rules and Regulations, Part 76.
- Society of Cable Television Engineers (S.C.T.E.)
- Society of Motion Picture and Television Engineers (S.M.P.T.E.)
- American Society of Testing Materials (A.S.T.M.)
- National Cable Television Association (N.C.T.A)
- Electronic Industries Association (E.I.A.)
- Telecommunications Industries Association (T.I.A.)

The vendor must verify all dimensions and site conditions prior to fabrication.

The vendor will be responsible for coordinating structural connections after award of bid with the installing contractor.

9.8 **Warrant and Service:**

The Awarded Vendor shall warrant materials for a minimum of five (5) years following the date of final acceptance.

During the warranty period, the system shall be free of defects and deficiencies and conform to the specifications with respect to quality, function and characteristics stated.

The Awarded Vendor shall repair or replace defects that occur in materials within the warranty period. If repair is affected using The University's spare parts allotment, the Vendor shall replenish all parts used to keep the University's inventory at the amount required by the contact.

Failed Parts shall be returned to the Vendor at the Vendor's expense for repair at a service facility located in the United States. The Vendor shall identify the location and its service facility in section 11.0. Group 2.

The vendor shall replace failed parts that cannot be repaired.

Upon receipt of a failed part, the Vendor shall return a repaired or replacement part to The University within fifteen (15) business days from receipt of failed part.

Warranty shall cover all equipment, including processors, controllers, operations systems, and software.

Warranty shall include one (1) annual on-site system check by a qualified technician who is a full-time employee of the awarded Vendor. Visits shall occur as determined by The University.

> Annual on-site checks shall include all regular maintenance; including filter changes, a complete inspection of all systems, brightness level readings of LED displays, parts replacement where required and a complete written report of all findings.

The Vendor shall have telephone service assistance and technical support from 8am to 11pm CST, seven (7) days a week.

All service calls and requests for information shall be answered within eight (8) hours during the warranty period.

9.9 **Scope of Work:**

The following outlines the turnkey delivery responsibilities that define the project scope of work. Any and all work outlined in this section is the responsibility of the awarded Vendor unless otherwise noted. Any and all dates referenced in this document are approximate projected dates and are subject to change.

The awarded Vendor is required to provide materials and equipment to perform the following:

Provide equipment and displays listed in Section 10.0 – Technical Product Specifications, including any and all equipment not specifically listed that is required to provide a completely functional system.

Provide an on-site installation supervisor.

Provide required electrical and data cable.

Deliver all Equipment to site and convey to appropriate locations within site as directed by the University Representative or Installing Contractor.

Provide training to University Representative(s) on all equipment and displays after installation.

9.10 **Training:**

The awarded Vendor, will provide operator and maintenance training to University personnel responsible for maintaining and operating the equipment described in this proposal.

Training shall be performed on-site by a qualified technician and shall occur immediately following substantial completion. O&M Manuals per Section 9.4 shall be provided to The University prior to training.

The training shall cover the operation, routine maintenance and troubleshooting of the displays and control equipment.

Training shall consist of at least 24 hours (over the course of 3-5 days) of instruction.

The awarded Vendor will be required to have a control systems operator and LED technician on site for the first event and continue to be on site for one (1) consecutive problem free event. Control system operator and LED technician shall be direct employees of the Vendor. "Problem-free" constitutes an event where the video and fascia displays, control system, and any other components installed are without failure during an event. The successful event will need to be signed off by the Owner until achieved.

9.11 **Testing:**

The awarded Vendor will be responsible for performing an operation test after Installation. The date and time of testing shall be coordinated with The University Representative responsible for coordination of this project.

The Vendor must demonstrate the full capabilities of the provided systems and prove performance meets contractual sspecifications.

Confirmation will be required of, but not limited to the following functions: operation of each system component, including back-up systems, control functionality, integration with existing systems, diagnostic capabilities, screen brightness, color temperature and viewing angles.

The awarded Vendor must provide all necessary testing equipment for acceptance.

Upon notice from the Installing Contractor of substantial completion and at a time to be mutually agreed upon, the Vendor will arrange for the testing of all operations of the systems comprised in this request.

The following items must be completed and signed off by an appropriate University official before the University will deem the system "Accepted"

LED Screens - Brightness and color uniformity shall be demonstrated and must meet the specification described. If the demonstration exhibits the display in noncompliance with the specifications, it will be the responsibility of the Vendor to make the necessary adjustments or to adjust, repair or replace the components necessary to meet the specifications. The Owner will not be responsible for any added costs as a result of an unsuccessful acceptance test.

Certain LED video displays included in this bid package are required to maintain minimum parameters over a specified period of time. The Owner at its sole discretion may engage an independent testing agency to verify the display's specifications, at any time during the specified period of time. Cost for this testing will borne by the Owner, if display is in compliance. If the testing exhibits the display in noncompliance with the specifications, the cost of the testing will be the responsibility of the Vendor. The Vendor will also be responsible to make the necessary adjustments or repair or replace the components necessary to meet the specifications. The Owner will not be responsible for any added costs as a result of an unsuccessful test.

Functionality of each of the displays and their control systems, as specified, shall be demonstrated in its entirety.

Acceptance of the system includes, but not limited to, the completed installation of all physical components and the issuance of the Certificate of Approval for code compliance by the Code Authority having Jurisdiction. Tests of the system shall not occur until after the system has been installed, and all work completed on the display systems.

Document all acceptance testing, calibration and correction procedures described herein. Include the following information:

Performance date of the given procedure.

Condition of performance of procedure.

Type of procedure, and description.

Parameters measured and their values, including values measured prior to calibration or correction, as applicable.

The names of personnel conducting the procedure.

The equipment used to conduct the procedure.

Upon completion of initial tests and adjustments, submit written report of tests to the Owner along with all documents, diagrams, and recorded drawings required herein.

Close out Procedures

Perform any and all "punch-list" work to correct inadequate performance or unacceptable conditions, as determined by the Owner, at no additional expense to the Owner.

Furnish all portable (includes spare parts) equipment to the Owner along with complete inventory documentation. All portable equipment shall be presented in the original manufacturers packing, complete with all included instructions, miscellaneous manuals, and additional documents.

Provide new acceptance testing in the same format as initial test reports.

Check, inspect, and if necessary, adjust all systems, equipment, devices and components specified, at the Owner's convenience, approximately thirty (30) days after the Owners acceptance.

Upon completion of the Work, the Owner may elect to verify test data as part of acceptance procedure. Provide personnel and equipment, at the convenience of the Owner, to reasonably demonstrate system performance and to assist with such tests without additional cost to the Owner.

9.12 **Bid Award**

It is the intent of the University to award this contract to a single Vendor that is deemed to be the most qualified, cost effective, responsible bidder submitting the best overall proposal. To be considered in the bid evaluation, bidders shall complete all the price quotation sheets included in this request.

The University reserves the right to negotiate pricing with the successful Vendor, when quantities needed exceed those listed on the quotation sheets.

9.13 An electronic version of University's Terms and Conditions and Instructions to Bidders are available through The University of Alabama website:

https://finance-estus.fa.ua.edu/financepub/procpub/Purchasing/General_Terms_and_Conditions.pdf

https://finance-estus.fa.ua.edu/financepub/procpub/Purchasing/instructions-to-bidders.pdf

10.0 TECHNICAL PRODUCT SPECIFICTATIONS:

10.1 Primary LED Video Display(s)

- **Quantity:** Two (2) Video Display
- **Pixel Resolution:** 10mm physical pixel resolution.
- **LED Supplier:** Only Nichia, Cree or an approved alternate will be accepted.
- **Minimum Active Area of Displays:** 12.5' tall by 28.3' wide and 9.5' tall x 15.7' wide
- **Minimum Resolution:** 384 x 864 and 288 x 480 based on maximum pixel pitch of 10mm.
- **Minimum Brightness:** 2000nits (100% white with automatic color-correction "on") at startup.
- System must maintain a **minimum brightness level of 1500nits throughout the first 10,000 hours of use or 36 months from the time of acceptance,** whichever is longer.
- Display's intensity shall be adjustable to a minimum of 32 levels.
- Minimum 4,096 levels of intensity for each color (red, blue, pure green) 14-bit processing.
- 6,500°-9,000° Kelvin color temperature. Color temperature shall remain constant across specified horizontal and vertical viewing angles.
- Refresh rate shall be greater than 1500+Hz.
- Video frame rate at or greater than 60 frames per second.
- Service accessibility for all components of the displays shall be from the front.
- Pixel to Pixel Variation
    - 95% or more of pixels within each module must have a luminance within +/- 4% of the mean luminance for the module.
    - The average luminance of a column or row of pixels at the edge of a module or panel must be within +/- 2% of the average luminance of the module or panel.
    - 95% or more of the pixels within each module must have a chromaticity value, Δu'v', within +/- 0.006 of the mean chromaticity value for the module.
- Module to Module Variation
    - 100% of the modules in a screen must have a luminance within +/- 4% of the mean luminance for the screen.
    - 100% of the adjacent modules (i.e., modules sharing a border) in a screen must have a luminance within +/- 3% of each other.
    - 100% of the modules in a screen must have a chromaticity value, Δu'v', within +/- 0.006 of the mean chromaticity value for the screen.
    - 100% of the adjacent modules in a screen must have a chromaticity value, Δu'v', within +/- 0.003 of each other.
- All uniformity specifications above apply across all specified minimum horizontal and vertical viewing angles and are to be met for an all White, all Red, all Green, and all Blue screen display.
- All listed specifications must be maintained throughout the first 10,000 hours of use or 36 months from the time of acceptance, whichever is longer.
- Minimum of a 140° (±70°) horizontal viewing angle. Defined at 50% of full intensity, with automatic color-correction "on", at stated angle maximum.
- Minimum of a 140° (±70°) vertical viewing angle. Defined at 50% of full intensity, with automatic color-correction "on", at stated angle maximum.

10.2 Primary Video Displays – Process and Controls

- Video screen control system must provide the ability to manage: brightness (multi-level), video input, and image position: size and scale, adjustable gamma correction, remote power function (power on/off), color, color temperature, contrast and sharpness.

- Processing to allow for electronic color and brightness calibration - block to block and pixel to pixel.
- The processor shall support the following inputs: HD-SDI video in either 720p or 1080i, SD-SDI (480p) and SDI 16x9 anamorphic signal, and DVI video.
- Processing to allow for independent images on each display.
- The vendor is responsible for providing all required components, racks and wiring necessary to manage and control the video display from a location outside of the display housing.
- System architecture must allow for 100% processing and control redundancy. Back up units shall be installed in the equipment racks and shall be hot swappable.

10.3 Primary Video Displays – Operating System

- The awarded vendor shall provide a fully functional operating system capable of production, CG and game operation.
- The system must have the ability to support switching between full screen and vectored views with areas for sponsor ads, statistics, and game in progress data for the scoring system.
- The system must provide ability to display still and animated overlays, crawl text, and manipulate graphics.
- The system must be capable of accepting and displaying a serial feed from the Colorado Timing scoring system and any and all 3rd party stats and sport ticker feeds and closed captioning as required.
- System to allow for independent images on each display.
- The awarded vendor is responsible for providing all required components, and wiring necessary to manage and control the video display from a location outside of the display housing.
- A portable control computer, any applicable cabling and input devices shall be provided that performs all functions listed in the specifications.

10.4 Environmental Requirements

- Products provided by Vendor shall be suitable for an installation in an indoor aquatics facility. Vendor shall ensure all steel, hardware; LED cabinets, signage and electronics are protected to withstand exposure for 10 years. Bolts, nuts, and other fasteners shall be stainless steel or aluminum as appropriate for the application. Electronics shall be conformal coated and fan filters shall be outdoor rated. The vendor is required to replace any components that fail due to environmental conditions within the 10 year period.

10.5 LED DISPLAY #1: 10mm 28.35 ft by 12.59 ft

MODULE			
Dimensions (w x h)	320mm wide x 160mm high	Resolution (w x h)	32 pixels wide x 16 pixels high
Pixel pitch	Indoor 10	Pixel Density	10000 pixels /sq meter
Pixel Configuration	1R, 1G, 1B	3 in 1 SMD LED	
STANDARD PANEL			
Dimensions(w x h x d)(mm)	960 x 960 x 150	Module Quantity	18
Physical Resolution (w x h)	96 x 96 pixels	Physical Pixels (total)	9216
Weight/m_2	44 kgs/m2	Material	Aluminum
Average Power/sqm (watts)	330 watts/m2 average	Max Power/sqm(watts)	825 watts/m2 maximum
DISPLAY DATA			
ITEM	Width	Height	Total
Panel size (meters)	0.96	0.96	0.9216
Panel Quantity(pcs)	9	4	36
Panel size (meters)			0
Panel Quantity(pcs)			0
Screen Area Dimension(m)	8.64	3.84	33.18 sq meters
Screen Area Dimension(ft)	28.35	12.6	357.21 sq ft
Display Resolution(pixels)	864	384	331776 total pixels
Cabinet Area Dimension (m)	8.64	3.84	33.18 sq meters
Cabinet Area Dimension (ft)	28.35	12.6	357.13 sq ft
Display Power (watts)			27372 watts
Total Weight			3168 lbs (1440kg)
Display Aspect Ratio			2.25

PARAMETER	VALUE
Brightness	2000 cd/m2
Viewing Angle	Horizontal 120(+60/-60) deg. Vertical 120(+60/-60) deg.
Service Access	Front Service
Minimum Viewing Distance	10 meters (39.37 feet)
Brightness Control	100 levels
Gray scale	4096 level
Refresh frequency	>1500 Hertz
Driving mode	1/4 Constant Current Drive
Input power frequency	50 or 60 Hertz
Input Voltage	120vac or 220vac or 208vac 3 phase (4 wire)
Blind spot rate	＜1/10000
Lifetime at 50% brightness	100000 hours
Ingress Protection	Front IP40, Rear IP43
Operating temperature	0 ～+ 40 ℃
Operating humidity	10％ ～ 90％
Control distance	CAT5 cable:＜100 m; Single mode dual core fiber:＜10 km
Signal input format	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI
Operating system	Windows XP, Windows 7

10.6 LED DISPLAY #2: 10mm 15.75 ft x 9.45 ft

MODULE			
Dimensions (w x h)	320mm wide x 160mm high	Resolution (w x h)	32 pixels wide x 16 pixels high
Pixel pitch	Indoor 10	Pixel Density	10000 pixels /sq meter
Pixel Configuration	1R, 1G, 1B	3 in 1 SMD LED	
STANDARD PANEL			
Dimensions(w x h x d)(mm)	960 x 960 x 150	Module Quantity	18
Physical Resolution (w x h)	96 x 96 pixels	Physical Pixels (total)	9216
Weight/m_2	44 kgs/m2	Material	Aluminum
Average Power/sqm (watts)	330 watts/m2 average	Max Power/sqm(watts)	825 watts/m2 maximum
DISPLAY DATA			
ITEM	**Width**	**Height**	**Total**
Panel size (meters)	0.96	0.96	0.9216
Panel Quantity(pcs)	5	3	15
Panel size (meters)			0
Panel Quantity(pcs)			0
Screen Area Dimension(m)	4.8	2.88	13.82 sq meters
Screen Area Dimension(ft)	15.75	9.45	148.84 sq ft
Display Resolution(pixels)	480	288	138240 total pixels
Cabinet Area Dimension (m)	4.8	2.88	13.83 sq meters
Cabinet Area Dimension (ft)	15.75	9.45	148.81 sq ft
Display Power (watts)			11405 watts
Total Weight			1320 lbs (600kg)
Display Aspect Ratio			1.67
PARAMETER	**VALUE**		
Brightness	2000 cd/m2		
Viewing Angle	Horizontal 120(+60/-60) deg. Vertical 120(+60/-60) deg.		
Service Access	Front Service		
Minimum Viewing Distance	10 meters (39.37 feet)		
Brightness Control	100 levels		
Gray scale	4096 level		
Refresh frequency	>1500 Hertz		
Driving mode	1/4 Constant Current Drive		
Input power frequency	50 or 60 Hertz		
Input Voltage	120vac or 220vac or 208vac 3 phase (4 wire)		
Blind spot rate	＜1/10000		
Lifetime at 50% brightness	100000 hours		
Ingress Protection	Front IP40, Rear IP43		
Operating temperature	0 ～+ 40 ℃		
Operating humidity	10％ ～ 90％		
Control distance	CAT5 cable:＜100 m; Single mode dual core fiber:＜10 km		
Signal input format	AV, S-Video, VGA, DVI, YPbPr, HDMI, SDI		
Operating system	Windows XP, Windows 7		

11.0 QUOTE SHEET

QUOTE ON THE FOLLOWING ITEMS AS INDICATED OR EQUAL

SCOPE: THE UNIVERSITY OF ALABAMA REQUESTS SEALED BIDS TO FURNISH AND DELIVER TWO (2) LED VIDEO DISPLAYS FOR THE UA AQUATIC CENTER AS PER ATTACHED GENERAL AND TECHNICAL SPECIFICATIONS OR EQUAL.

IMPORTANT NOTES:

11.1 The manufacturer and product number for each item that you are quoting must be completed for your bid to receive consideration.

11.2 **INCLUDE PRODUCT/TECHNICAL SPECIFICATIONS FOR YOUR BIDTO RECEIVE CONSIDERATION.**

11.3 All items must be fully warranted for a minimum period of five (5) years or the specified manufacturer's warranty, whichever is greater. Service or replacements of any defective items are to be proved by the successful Vendor at no charge to the University during the period of guarantee.

11.4 THE UNIT COST OF EACH ITEM must include any shipping, handling or delivery charges. Do NOT list shipping and handling as a separate charge. **QUOTE FOB THE UNIVERSITY OF ALABAMA, TUSCALOOSA, AL 35487.**

GROUP 1:

ITEM NO.	APPROX. QTY.	DESCRIPTION	UNIT COST	TOTAL COST
1.	1	**LED MASTER DISPLAY 28.35ft X 12.59ft** * Personal Computer * LED Manager Software * Content Scheduler * 100% Compatible w/ Colorado Timing Systems * Testing after Installation * Spare Parts MANUFACTURER_____ PRODUCT NO. _____	$_____/ea	$_____
2.	1	**LED MASTER DISPLAY 15.75ft X 9.45ft** * Personal Computer * LED Manager Software * Content Scheduler * 100% Compatible w/ Colorado Timing Systems * Testing after Installation * Spare Parts **MANUFACTURER**_____ **PRODUCT NO**. _____	$_____/ea	$_____

GROUP 2:

---

1. Per section 9.3 & 9.9, an Installation Supervisor is required.

Please state your Supervisor Cost if not included in the base price (group 1): _____$

2. Per section 9.10, 24 hours of Training as well as On-Site assistance for the first meet and one consecutive meet is required after Installation is complete.

Is your training included in the base price (Group 1)? _____YES _____NO

If NO, state your total cost: _____$

3. Per section 9.6, list your Spare Parts Inventory List & Quantity Suggestion Here: *attach separately if necessary

_____

_____

_____

_____

_____

4. Service Facility Location: _____

Distance to The University of Alabama Campus: _____

Service Facility Operation hours: _____

Service Facility Phone Number: _____

Service Facility Contact Name/Email: _____

5. Delivery is needed no later than Wednesday, September 23, 2015.

Can your company meet this delivery requirement? _____YES _____NO

If NO, state your earliest delivery after receipt of order: _____DAYS

6. Warranties: *attach separately if necessary

---

7. Primary Contact Persons Name: _____

Primary Contact Persons E-Mail: _____

Primary Contact Persons Phone: _____

Company Web Address: _____

8. Unanticipated Items:

In the event the University should need to purchase additional items not listed above, the vendor agrees to sell the additional items to The University of Alabama on a percentage off catalog list price basis.

PLEASE LIST YOUR PERCENTAGE DISCOUNT OFFERED TO THE UNIVERSITY BELOW.

PERCENTAGE MUST INCLUDE SHIPMENT FOB THE UNIVERSITY OF ALABAMA, TUSCALOOSA, AL - FREIGHT PREPAID AND ALLOWED.

PERCENTAGE DISCOUNT _____%

9. The awarded vendor must have the ability to accept the University's Visa Purchasing Card as well as Purchase Orders. The University prefers Level 3 Reporting be available for University Purchase Card Orders.

Does your company accept Purchase Cards? _____YES _____NO

Please indicate if Level 3 Reporting is available from your company: _____YES _____NO

10. Prompt Payment Discount: _____% NET _____DAYS

THE UNIVERSITY OF ALABAMA

CERTIFICATION OF COMPLIANCE WITH THE STATE OF ALABAMA IMMIGRATION LAW

The undersigned officer of _____ (Company) certifies to the Board of Trustees of the University of Alabama that the Company does not employ an individual or individuals within the State of Alabama.

_____
SIGNATURE OF COMPANY OFFICER

_____
PRINT COMPANY NAME

_____
PRINT NAME OF COMPANY OFFICER

_____
PRINT TITLE OF COMPANY OFFICER

_____
DATE

Click any for help
Home
My Cases
New Cases
View Cases
Search Cases
My Profile
Edit Profile
Change Password
Change Security Questions
My Company
Edit Company Profile
Add New User
View Existing Users
Close Company Account
My Reports
View Reports
My Resources
View Essential Resources
Take Tutorial
View User Manual
Contact Us

Company Information

Company Name: View/Edit

Company ID Number:

Doing Business As (DBA) Name:

DUNS Number:

Physical Location:

Address 1:

Address 2:

City:

State:

Zip Code:

County:

Mailing Address:

Address 1:

Address 2:

City:

State:

Zip Code:

Additional Information:

Employer Identification Number:

Total Number of Employees:

Parent Organization:

Administrator:

Organization Designation:

Employer Category:

Federal Contractor Category:

Employees being verified:

NAICS Code: View/Edit

Total Hiring Sites: View/Edit

Total Points of Contact: View/Edit

View MOU

THE UNIVERSITY OF
ALABAMA

DISCLOSURE STATEMENT

1. Contract/Purchase Order No. _____

2. Name of Contract/Grantee: _____
   Address: _____
   _____
   Telephone: _____
   Fax: _____

3. Nature of Contract/Grant: _____
   _____
   _____

4. Does the contractor/grantee have any relationships with any employee or official of the University, or a family member of such employee or official, that will enable such employee or official, or his/her family member, to benefit from this contract? If so, please state the names, relationships, and nature of the benefit.
   _____
   _____
   _____

(For employees of the University, family members include spouse and dependents. For members of the Board of Trustees (officials), family members include spouse, dependents, adult children and their spouses, parents, in-laws, siblings and their spouses.)

This Disclosure Form will be available for public inspection upon request.

The above information is true and accurate, to the best of my knowledge.

_____
Signature of Authorized Agent of Contractor/Grantee

Date: _____

RETURN FORM TO: The University of Alabama
Purchasing Dept.
Box 870130
Tuscaloosa, AL 35487-0130
Ph: (205) 348-5230
Fax: (205) 348-8706
www.purchasing.ua.edu

THE UNIVERSITY OF ALABAMA

INVITATION FOR BID

T054322
Furnish and Deliver two LED Video Displays for the UA Aquatic Center

ADDENDUM # 1
July 28, 2015

ATTENTION: This is not an order. Read all instructions, terms and conditions carefully.

Offeror must acknowledge receipt of this and any addendum as stated in the Invitation For Bid.

The following shall become part of the Invitation For Bid.
Please find below clarification and changes to the Specifications provided in Bid T054322.

BID PROPOSAL DUE DATE IS NOW Tuesday, August 4, 2015 @ 2:00 PM CST

Section 9.8: Warranty and Service:

- **Warranty shall include one (1) annual on-site system check by a qualified technician who is a full-time employee of the awarded Vendor. Visits shall occur as determined by The University. *This would be One (1) Annual On-Site Check for each year of the valid warranty service agreement. A minimum of five (5) system checks over the course of the five (5) year warranty period would be expected.**

Section 9.9: Scope of Work:

- **Provide required electrical and data cable:**
  ***The University will provide the electrical power to the two LED Displays but the vendor must provide Power Specifications to the Installing Contractor and University.**
  *** Data Cables will be installed along the path of structure (building). The University will not install two data conduits from the point of operation to the two LED Displays.**
  *** There will be two 2 points of operation.**

Section 10.1: Primary LED Video Display Technical Specifications:

- Minimum of a ~~140° (±70°)~~ horizontal viewing angle. Defined at 50% of full intensity, with automatic color-correction "on", at stated angle maximum.
- Minimum of a ~~140° (±70°)~~ vertical viewing angle. Defined at 50% of full intensity, with automatic color-correction "on", at stated angle maximum.
  ****The Viewing Angles shall be 120° (±60°) for both Horizontal and Vertical**

Section 10.3 Primary Video Displays – Operating System:

- ~~The system must be capable of accepting and displaying a serial feed from the Colorado Timing scoring system and any and all 3rd party stats and sport ticker feeds and closed captioning as required~~
  **** The system must be capable of supporting/integrating and displaying a serial feed from the Colorado Timing Scoring System and the Hy-Tek Meet Manager Software.**

The IFB may be found at http://purchasing.ua.edu/pdfs/PendingBids/T054322.pdf